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ANNUAL REPORT
OF THE
Retreat Mental Hospital
OF THE
CENTRAL POOR DISTRICT
OF
Luzerne County

Retreat
Pennsylvania

PPW 145/87.1
1931

For the fiscal year ended December 31, 1931

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RETREAT MENTAL HOSPITAL

BOARD OF DIRECTORS

Charles Kuschke	128 Gaylord Avenue, Plymouth
George K. Brown	22 West Union Street, Wilkes-Barre
Lorrie R. Holcomb	3 Oxford Street, Wilkes-Barre
Benjamin F. Evans	66 Mallery Place, Wilkes-Barre
Peter E. Turik	101 Enterprise Street, Glen Lyon
Elmer E. Edwards	107 South Main Street, Parsons
Frank T. Naugle	297 River Street, Forty Fort
J. Stanley Rinehimer	488 Rutter Avenue, Kingston

OFFICERS OF THE BOARD

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J. Stanley Rinehimer	Treasurer

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Austin L. Reilly, Architect	Wilkes-Barre
George H. Morse, B. Sc., E. E., Consulting Engineer	Harrisburg (Fellow American Institute of Electrical Engineers)

RETREAT MENTAL HOSPITAL

STAFF OFFICERS

George T. Baskett, A.B., M.D.	Superintendent
E. Ross Laughlin, M.D.	Assistant Superintendent
Olive T. Baskett, M.D.	Assistant Physician
Mary E. Bowyer, M.D.	Assistant Physician
Herbert T. Hughes, D.D.S.	Dentist
Walter Wilson	Steward
Margaret Gerringer, R.N.	Superintendent of Nurses
Helen Lynch Judge	Chief Occupational Therapist (Graduate St. Louis School of O. T.)
Alice Suffern	Assistant Occupational Therapist (Graduate Philadelphia School of O. T.)
Keziah Holloway	Director of Music and Allied Activities (Graduate Wyoming Valley Seminary School of Music)
Florence Wilson, R.N.	Social Service Worker
John J. Riordan	Head Supervisor
Harry A. Snyder	Chief Engineer
Rev. Frank P. McHugh	Catholic Chaplain
Rev. John N. White	Protestant Chaplain

CONSULTANTS

E. G. Heyer, M.D.—Nanticoke	Consultant in Surgery
F. W. Heyer, M.D.—Nanticoke	Consultant in Surgery
L. C. Rummage, M.D.—Nanticoke,	Consultant in Oto-laryngology and Ophthalmology
W. W. Waters, M.D.—Nanticoke,	Consultant in Post Mortem Pathology
L. S. Reese, M.D.—Kingston.....	Consultant in Bronchoscopy
Willem van de Wall, Mus. Doc.—State Bureau of Mental Health,	Consultant in Music
Katharine A. Pritchett—State Department of Welfare,	Consultant in Nutrition
Mary L. Putman—State Bureau of Mental Health,	Consultant in Occupational Therapy
Florentine Hackbusch—State Bureau of Mental Health,	Consulting Psychologist

REPORT OF THE SUPERINTENDENT

In conformity with the provisions of the Law, I present herewith the 32nd annual report of the activities of the Retreat Mental Hospital for the fiscal year ending December 31, 1931.

FINANCIAL STATEMENT

A. Expenditures For Maintenance:

Salaries and Wages	*\$127,521.89
Food	55,882.21
Fuel, Light, Heat and Cold Storage	27,025.88
Clothing and Dry Goods	9,554.86
Furniture, Furnishings and Bedding —	3,384.40
Household Supplies	1,797.54
Maintenance of 26 Patients at Ransom	5,472.86
Repairs (ordinary, bldgs., ferry, etc.).....	6,833.70
Miscellaneous	14,752.19

(This item includes laundry supplies, soaps disinfectants, wax, cleaners, sprayers, mops, pails, broom material, brushes, toilet paper, wrapping paper, towels and toweling, combs, pipes, matches, drugs and drug supplies, surgical instruments, x-ray and photo supplies, glasses and repairs, barber's supplies, O. T. supplies, music supplies, library, printing, stationery, postage, telephone and telegraph, freight and express, entertainment, traveling expenses, transportation, greenhouse and grounds, insurance, cash and refunds.

Total for Maintenance \$252,225.53

B. General Expenditures:

Expenditures for all purposes other than Maintenance, including new buildings, new equipment, additions and permanent betterments \$214,241.83

(Of this amount, the sum of \$202,781.93 was for the construction of the new Service Building which is nearing completion.)

C. Total Expenditures for 1931 \$466,467.36

The Weekly per capita cost for maintenance for 1931 was \$5.67 as compared with \$6.08 for 1930. The weekly per capita maintenance cost for the last 6 fiscal years has been as follows: .

(*This item includes 11½ months only of salaries and wages due to the fact this item for December, 1930, was paid in two installments, contrary to custom.)

1926	\$8.52
1927	6.95
1928	6.54
1929	6.36
1930	6.08
1931	5.67

Expenditures under the "General Account" totaled \$214,241.83—of this amount, \$202,781.93 was expended for construction of the new Service Building which is rapidly nearing completion.

Population

The population is still showing steady increase. On January 1, 1931, the population was 798—410 men and 388 women, with an additional 27 men on temporary transfer at the Ransom Mental Hospital—a total of 825. At the end of the year, the population had increased to 836—427 men and 409 women, with an additional 23 male transfers at Ransom—a total of 859. The daily average population, exclusive of the temporary transfers, was 828.6. If the transfers are included this figure would be 853.8. The total number on parole or otherwise absent at the end of the year was 58—40 men and 18 women, while the total number on record was 894—567 men and 427 women.

The general statistics as to population are shown in the following table:

FISCAL YEAR 1931	Male	Female	Total
Number of patients at beginning of year..	410	388	798*
Admitted during year:			
First admissions	97	58	155
Re-admissions	31	21	52
Transfers received	0	0	0
Total admissions	128	79	207
Total under treatment during year.....	538	467	1005
Discharged during year:			
as recovered	26	11	37
as improved	26	25	51
as unimproved	8	11	19
as without psychosis	6	6	12
died	36	22	58
transfers to other mental hospitals.....	8	0	8
Total discharged during year	110	75	185
total in hospital at end of year	427	409	836
total on parole at end of year	40	18	58
daily average population	426*	402.6	828.6*

*Exclusive of temporary transfers at Ransom.

Population figures at the end of the last 6 fiscal years are as follows:

1926	670
1927	716
1928	740
1929	754 (plus 30 at Ransom)
1930	798 (plus 27 at Ransom)
1931	836 (plus 23 at Ransom)

58 patients died during the year—36 men and 22 women. Of those dying 29, or 50%, were 60 years of age or over, while 11 were in the 5th decade of life. The most frequent cause of death was disease of the heart or arteries—29 deaths, or 50%, were from this cause alone. There were 11 deaths from tuberculosis of the respiratory system, which was the next most frequent cause of death. Of those who died, 6 had been in the hospital less than one month at the time of death; 9 had been in the hospital 1 to 3 months; 6 had been in the hospital 4 to 7 months; and 6 had been patients 8 to 12 months.

The recovery rate, based on the number of first admissions, was 24%. The percentage of those discharged "improved," based on the number of first admission, was 33. The death rate, based on the daily average population, was 7%.

Diagnostic Grouping of the 155 First Admissions

	Number		Total	Percentage
	Men	Women		
Traumatic psychoses	1	0	1	0.64
Senile psychoses	11	11	22	14.19
Psychoses with cerebral arteriosclerosis	1	0	1	0.64
General Paralysis	6	1	7	4.51
Psychoses with cerebral syphilis	0	0	0	0.00
Psychoses with Huntington's chorea	0	0	0	0.00
Psychoses with brain tumor	0	0	0	0.00
Psychoses with other brain or nervous diseases	1	1	2	1.29
Alcoholic psychoses	18	3	21	13.54
Psychoses due to drugs	0	0	0	0.00
Psychoses with pellagra	0	0	0	0.00
Psychoses with other somatic diseases	0	2	2	1.29
Manic-depressive psychoses	16	11	27	17.41
Involution melancholia	2	1	3	1.93
Dementia praecox	16	15	31	20.00
Paranoia and paranoid states	1	0	1	0.64
Epileptic psychoses	2	2	4	2.58
Psychoneuroses and neuroses	2	0	2	1.29
Psychoses with psychopathic personality	0	1	1	0.64
Psychoses with mental deficiency	2	0	2	1.29
Undiagnosed psychoses	11	4	15	9.67
Without psychosis	7	6	13	8.38

Diagnostic Grouping of the 52 Re-Admissions

	Men	Women	Total	Percentage
Traumatic psychoses	0	0	0	0.00
Senile psychoses	0	1	1	1.92
Psychoses with cerebral arteriosclerosis.....	0	0	0	0.00
General paralysis	1	0	1	1.92
Psychoses with cerebral syphilis	0	0	0	0.00
Psychoses with Huntington's chorea	0	0	0	0.00
Psychoses with brain tumor	0	0	0	0.00
Psychoses with other brain or nervous diseases	1	0	1	1.92
Alcoholic psychoses	5	0	5	9.61
Psychoses due to drugs	0	0	0	0.00
Psychoses with pellagra	0	0	0	0.00
Psychoses with other somatic diseases.....	0	0	0	0.00
Manic-depressive psychoses	9	12	21	40.38
Involution melancholia	0	0	0	0.00
Dementia Praecox	9	5	14	26.92
Paranoia and paranoid conditions	0	0	0	0.00
Epileptic psychoses	1	0	1	1.92
Psychoneuroses and neuroses	2	1	3	5.76
Psychoses with psychopathic personality.....	0	0	0	0.00
Psychoses with mental deficiency	1	0	1	1.92
Undiagnosed psychoses	2	0	2	3.84
Without psychosis	0	2	2	3.84

Nativity of the 155 First Admissions

	Men	Women	Total	Percentage
United States	55	44	99	63.8+
Austria	11	2	13	8.3+
Canada	1	0	1	0.6+
Czecho-Slovakia	0	1	1	0.6+
England	5	1	6	3.8+
Germany	1	0	1	0.6+
Ireland	0	2	2	1.2+
Italy	6	1	7	4.5+
Poland	1	6	7	4.5+
Russia	14	1	15	9.6+
Wales	3	0	3	1.9+

Citizenship of the 155 First Admissions

	Men	Women	Total
Citizens by birth	55	44	99
Citizens by naturalization	26	9	35
Aliens	15	4	19
Citizenship unascertained	1	1	2
TOTAL	97	58	155

Use of Alcohol by the 155 First Admissions

	Men	Women	Total	Percentage
Abstinent	55	43	98	63.2+
Temperate	17	3	20	12.9+
Intemperate	18	5	23	14.8+
Unascertained	7	7	14	9.0+

Race Distribution of the 155 First Admissions

	Men	Women	Total	Percentage
English	5	3	8	5.1+
German	2	5	7	4.5+
Hebrew	3	0	3	1.9+
Irish	10	5	15	9.6+
Italian	6	1	7	4.5+
Lithuanian	5	0	5	3.2+
Magyar	0	1	1	0.6+
Slavonic	30	26	56	36.1+
Welsh	7	1	8	5.1+
Mixed	25	14	39	25.1+
Race unascertained	4	2	6	3.8+

Degree of Education of the 155 First Admissions

	Men	Women	Total	Percentage
Illiterate	14	10	24	15.4+
Reads and Writes	22	16	38	24.5+
Common School	36	23	59	38.0+
High School	12	3	15	9.6+
College	3	2	5	3.2+
Unascertained	10	4	14	9.0+

Economic Condition of the 155 First Admissions

	Men	Women	Total	Percentage
Dependent	16	23	39	25.1+
Marginal	77	20	97	62.5+
Comfortable	4	15	19	12.2+
Unascertained	0	0	0	0.00

Psychoses of the 119 Patients Discharged During Year

	Men	Women	Total
Senile Psychoses	2	4	6
Psychoses with cerebral arteriosclerosis	2	0	2
General Paralysis	3	2	5
Alcoholic psychoses	24	4	28
Psychoses with other somatic diseases	0	2	2
Manic-depressive psychoses	8	21	29
Involution melancholia	0	1	1
Dementia praecox	15	9	24
Epileptic psychoses	1	1	2
Psychoneuroses and neuroses	2	1	3
Psychoses with psychopathic personality	0	1	1
Psychoses with mental deficiency	3	0	3
Undiagnosed psychoses	0	1	1
Without psychosis	6	6	12

**Average Age at Death of the 58 Patients Dying,
By Psychoses**

PSYCHOSES	Number			Average Age at Death
	Men	Women	Total	
Senile psychoses	10	10	20	75.6 years
Psychoses with cerebral arteriosclerosis	3	0	3	67.6 years
General paralysis	1	0	1	32 years
Alcoholic psychoses	5	0	5	57.6 years
Psychoses with other somatic diseases	2	2	4	40.5 years
Manic-depressive psychoses	5	4	9	53.1 years
Dementia praecox	5	3	8	37.8 years
Epileptic psychoses	2	1	3	32.3 years
Undiagnosed psychoses	2	1	3	57.3 years
Without psychosis	1	1	2	47 years

Health

The health of patients and employees has been generally good. No epidemics have occurred and there has been no more illness than might reasonably be expected. There were 11 deaths from pulmonary tuberculosis as compared with 6 deaths from this disease during the previous year.

Suicides, Accidents and Emergencies

There were 5 suicides during the year—all were men and all committed suicide by hanging. Of those dying in this way, 2 were cases of manic-depressive psychosis; 2 were cases of psychosis with somatic disease, and one was a case of epileptic psychosis. The ages of those who committed suicide were as follows: 25 years, 41 years, 50 years, 55 years and 56 years.

Two aged women patients suffered fractures of the hip caused by accidental falls. There were a few cases of fractures of other bones from accidental causes but, otherwise, there were no serious accidents or emergencies.

The Clinical Laboratory and X-Ray Department

The following work was done during the year:

Urinalyses, complete 356

Blood Examinations:

Erythrocyte counts 205

Leukocyte counts 205

Color indices 205

Hemoglobin estimates 205

Differential counts 6

Wassermann tests 214

Meinicke tests 214

Kahn tests 23

Widal tests 3

Malaria smears 1

Spinal Fluid Examinations:

Wassermann tests 99

Meinicke tests 99

Cell counts 99

Globulin tests 99

Colloidal gold tests 99

Kahn tests 12

X-Ray:

Radiographs 177

Therapy 11

Basal Metabolism Tests 3

Bacteriological smears 25

Orthotolidin tests of water 738

Coal tests:

Moisture 28

Ash 28

Sulphur 28

B. T. U. 28

***Dentistry**

The report of the institution dentist shows that the following work was done during the year:

Extractions	635
Examinations	272
Fillings	9
Dental treatments	91
Impressions made	24
Plates repaired	16
Plates made	6
Plates adjusted	14
Diagnoses	34
X-ray examinations	12
Cleanings	46
Polishings	10
Scalings	9
Amalgam restorations	86
Zinc oxide restorations	5
Synthetic porcelain restorations	13
Bites	10
Try-ins	6
Cavity preparations	4
Bridges repaired	9
Crown preparations	2
Plaster cast of jaw	1
Crowns repaired	2

*(The dentist is employed on a part time basis and spends two days each week at the institution.)

Occupational Therapy Department

Helen Lynch Judge	Chief Occupational Therapist
Alice Suffern	Assistant Occupational Therapist
Helen Nagorsk	} Occupational Therapy Aides
Belle Golinski	
Martin Liput	
Boyle Downing	
Frances Bwyskal	Sewing-room Supervisor

Steady development has characterized the activities of the Occupational Therapy Department for the year 1931. An average of 157 patients have been given daily treatment and the benefits are shown by the individual records and by the number transferred to industrial work and paroled home.

The 5 classes were conducted full time during the year and a capacity enrollment was maintained. The ward classes organized in 1929 and 1930 for patients unable to go to the class-rooms have proved well worth while. The women's ward class has been one of special interest—this group has an enrollment of approximately 35 patients many of whom, before the forming of this class, sat unoccupied all day or else occupied themselves in destroying clothing, pulling at their hair, picking at their faces or inflicting bodily injuries. Effort has been made to make this class an habit training group—occupation has been given that is constructive rather than destructive in type—occupations requiring tearing, raveling, etc., have been avoided. Instead, the patients have been supplied with new materials—they have been encouraged to exercise their own initiative in the selection of designs, colors and occasionally the article they are to make. Much has been done to stimulate interest and arouse pride in personal appearance and accomplishment. It has been gratifying to note that many of the most deteriorated patients in this group have displayed pleasure at seeing some article that they have made in use on the wards. Constant effort has been made to make the work of benefit to the patients. Many attractive and useful articles were completed during the year, some of which were used in the institution and others exhibited and sold.

On November 20th, the annual Occupational Therapy exhibition and sale was held in the display room of the department from 9 A. M. to 10 P. M.—tea was served from 3 to 5 P. M. 200 visitors registered to view the exhibition. Interest in this display has grown annually among the patients, visitors and employees. The annual sale at the

Wyoming Valley Woman's Club was held on December 8th—members of the club were greatly interested in this exhibition and were glad to purchase the articles of handicraft.

The total receipts from sales during the year amounted to \$1241.59. Articles made for use in the hospital had an estimated value of \$654.00. 1739 brooms and 174 brushes were made during the year; 1262 pairs of shoes were repaired; 80 window curtains were made and installed; 116 window curtains were repaired; 26 mattresses were made; 69 bags of mattress hair were cleaned and combed, and 52 miscellaneous articles of furniture were repaired.

National Hospital Day, which was observed for the first time by this hospital, was observed under the sponsorship of the department. Activities for the day were advertised by sending out 500 personal invitations on cards designed and hand-painted by patients, by notices in the press and by a window display in one of the department stores in Wilkes-Barre. Despite inclement weather, about 2000 guests were present. The May-day program, with a cast of 75 including patients, employees and the children of employees, was carried out in the afternoon in a drizzling rain. In commenting on the day's events, one newspaper stated that the performers showed the courage of the old troupers whose slogan was "On with the show."

In November, a committee in charge of the drive for disabled veterans invited the Department to assist in advertising the drive. A display of articles made by disabled veterans and other patients in the classes of the Department was arranged and placed in the show windows of one of the Wilkes-Barre stores.

The following articles were made by patients employed in the sewing-room:

- 1466 dresses
- 539 unionalls
- 978 men's drawers
- 760 men's undershirts
- 1439 bloomers
- 1307 underslips
- 405 bed gowns
- 6 night gowns
- 267 bed shields
- 119 ticking pads
- 1590 sheets

990	roller towels
740	hand towels
1388	pillow cases
246	table napkins
255	aprons
95	coffee bags
23	pairs of curtains
30	shrouds
30	cushion tops
60	bibs
3	pairs of baker's mitts
80	mattress covers
25	dresses (material furnished by patients)
35	costumes
13	laundry bags
8	ice bags
6	maids' aprons
29	girls' gowns
268	wash cloths
14	uniforms
6	tub covers
1	step-in
6	lunch cloths
120	bed jackets
4000	articles mended

Picnics, Parties and Entertainments

On St. Valentine's Eve and Hallowe'en, masquerade parties were held in the amusement hall—500 patients attended and 200 were in fancy dress costume. These affairs are the outstanding social functions of the season. These parties are looked forward to with great anticipation by the patients—they enjoy them thoroughly and discuss them for weeks after they are over.

Many parties and picnics for small groups were held during the year—on Decoration Day, Fourth of July and Labor Day picnics for all patients were held—ball games, races, games and picnic suppers made up the program. On Easter Sunday the annual egg hunt was held and 400 patients took part. These social events are of great therapeutic value for the mentality ill—social activities tend to take the minds of the patients off their delusions and painful ideas and thus are of assistance in the treatment program.

A Christmas program in the form of a playlet entitled "The Christ Candle" was arranged for Christmas eve—several patients were in the cast and they portrayed the several characters in a very satisfactory manner. After the entertainment, Santa Claus made his annual visit and candy and nuts were distributed to all. The community tree was beautifully lighted and decorated and the Christmas spirit prevailed.

HELEN LYNCH JUDGE,
Director of Occupational Therapy.

Department of Music

Keziah Holloway, Director of Music

The activities of the Department of Music corresponded to those of the previous year. These activities consisted of:

- (a) Vocal exercises such as community singing, group singing on the wards and singing by the Catholic and Protestant choirs during religious services.
- (b) Rhythm orchestra and instruction in piano playing.
- (c) Folk dancing and dramatics.
- (d) Sight singing for especially gifted patients.
- (e) Musical social parties.
- (f) Special events.

Community singing is held once a week in the auditorium—an average of 400 patients take part. The text of the songs is projected on the screen—folk and popular songs are used. Frequently special features are given by the patients such as rhythm orchestra selections, solos, dances, harmonica numbers, etc. Often the children of employees entertain with songs. These special numbers are particularly well liked by the patients.

Ward singing is carried out daily—the patients gather around the piano or portable organ and sing either folk songs or popular songs for a period of one-half hour. The patients take special interest in learning new songs. On the disturbed wards and the wards for deteriorated patients, dancing is practiced once a week—piano, banjo and harmonica are used for music, the patients doing the playing. Each ward is reached twice a week—thus, many patients who, for various reasons cannot leave the ward, are able to participate.

Rhythm instruments, such as drums, cymbals, rhythm sticks, bells, triangles and wood-blocks, appeal to certain mental patients who cannot learn to play wind or string instruments. A rhythm orchestra of 8 girls, now using note score, has been organized. A rhythm orchestra of 8 boys has also been organized, with the picture score being used. A typical history of experience with one girl patient is interesting—at first this patient refused to enter into any musical activities—she enjoyed watching the dancing but would not take part—in the ward singing group, she would accept the book but refused to open it or to sing—when the rhythm orchestra was organized she refused to join because she considered it silly and said there was no fun in it—however, she was urged and seemed to enjoy the class but for 8 weeks would not touch an instrument—finally, she agreed to try the drums—now, she is always the first one in class, has become neat in appearance, arranges the stands and music and likes to count out measures—she often leads the orchestra by keeping time—she now enjoys the dancing class and ward singing group, has asked to sing popular songs and has requested permission to take piano lessons.

Individual work: Some of the patients require special attention in order that they may measure up to possible musical achievement. Some individuals are ambitious to start along new lines and they are encouraged in doing so. Such patients at one time probably sang or played and then discontinued—now they are permitted once more to take up neglected studies. Others who have never studied piano or voice are permitted to do so—if they make progress, they are encouraged and helped along with the work.

Fold dancing and dramatics: Many patients do not react to music by singing or playing but do respond by dancing—this is particularly true of our patients of foreign extraction. The Polish polka, shoe dance and square dance seem to be liked by practically all patients. The more talented individuals are taught the minuet, reel, etc. At times patients may be made to respond by changing from one group to another.

Social parties: These parties bring patients together for purposes of pleasure and are of special value in those types inclined to isolate themselves. The music for the parties is provided by the patients. Musical games are played. Parties are held once a week during the summer

months—at each party refreshments are served and prizes awarded.

Special events: Mental patients need a great deal of exercise and action. Special music for the Christmas play, rhythm orchestra for the patriotic program entitled "The Days of Washington" and 5 dance numbers for the May Day pageant were provided. Individual dances were given at various times and a minuet was given for the patriotic program.

The music program is arranged on the following time basis: 8:00 A. M. to 11:30 A. M. and 1:00 P. M. to 4:30 P. M. for 4 days a week; 11:00 A. M. to 11:30 A. M., 1:00 P. M. to 4:30 P. M. and 6:30 P. M. to 7:00 P. M. on Tuesdays and Fridays; and 8:00 A. M. to 10:30 A. M. on Saturdays.

Each week 12 one-half hour music periods are held on the men's wards and 11 such periods on the women's wards. In addition, 2 one-hour periods in dancing, 2 one-hour periods of rhythm orchestra, 2 periods of choir rehearsal and 4 one-half hour periods of individual instruction in piano, voice and ukelin are given. The Director devotes 2½ hours each week to instruction of 4 juvenile patients in school work and recreation.

During the year the following schedule has been carried out:

687 periods—Ward singing groups	325 patients
40 periods—Dancing	50 patients
30 periods—Rhythm orchestra	20 patients
61 periods—Community singing	400 patients
35 periods—Choir rehearsals	11 patients
70 periods—Ukelin instruction	2 patients
104 periods—Piano instruction	4 patients
24 periods—Vocal instruction	2 patients
125 periods—Christmas program and May Day pageant	45 patients
39 periods—Group singing in O. T. Dep't	90 patients
4 Social parties and 1 hike	65 patients

Social Service Department

Florence Wilson, R. N., Social Service Worker

The work of the department for the year may be summarized as follows:

Visits to paroled patients	789
Home interviews with relatives and friends, visits to family physicians, employers, clinics, etc	498
Office interviews	203
Letters written	151
Special visits	406

Community Mental Health Clinics

Mental health clinics are held once a month, both at Nanticoke and at Pittston—these clinics are held at general hospitals for the benefit of the people of the community and are under the general direction of the State Bureau of Mental Health. The institution supplies the psychiatrist while the psychologist comes from the Bureau of Mental Health. The great majority of patients referred are children of school age who are unable to make progress in school.

At the Nanticoke Clinics, 52 patients were examined and the findings were as follows: normal 7; dull normal 6; borderline 10; feeble-minded 26; psychotic 2, and epileptic 1.

42 patients were examined at the Pittston Clinic, with findings as follows: normal 7; dull normal 2; borderline 6; feeble-minded 17; psychotic 7; epileptic 2, and psycho-neurotic 1.

Recreation, Diversion, Religious Services, Etc.

In addition to the programs of the Occupational Therapy and Music Departments, these activities are summarized in the following table:

Moving picture shows	71
Concerts and entertainments	3
Community sings	69
General picnics	3
Baseball games	38
Sunday religious services—Catholic and Protestant	48
Fireworks display	1

Ferry Operation

Operation of the ferry still constitutes an increasing problem—traffic, both passenger and truck, is steadily increasing with the result that this method of transportation is entirely inadequate and, in the nature of things, can never be made adequate. Operation of the ferry is expensive. In addition, there is the very great fire hazard to be considered—in case of fire, it would not be possible under existing conditions to bring in any fire fighting equipment from the outside. The institutions at Retreat are practically isolated by reason of the fact that the river is not bridged at this point.

The following is a record of ferry operation for the year:

Trips made	19,077
Cars transported	34,860
Passengers transported	158,161
Trucks transported	5,078
Freight tonnage	19,031
Teams transported	84

Power Plant Operation for the Year 1931

Coal Consumption:

	Daily Average	Total Tons
January	26.29 tons	815.1
February	25.60 tons	717.1
March	24.16 tons	749.2
April	20.60 tons	618.4
May	16.87 tons	523.1
June	13.40 tons	402.4
July	14.08 tons	422.4
August	14.97 tons	449.3
September	15.46 tons	463.9
October	20.05 tons	601.7
November	21.09 tons	640.8
December	28.4 tons	877.8
TOTAL		7281.2 tons

Current generated:

January	87,970	K. W. H.
February	77,257	K. W. H.
March	82,441	K. W. H.
April	77,715	K. W. H.
May	69,396	K. W. H.
June	64,229	K. W. H.
July	65,477	K. W. H.
August	69,244	K. W. H.
September	71,529	K. W. H.
October	81,621	K. W. H.
November	80,942	K. W. H.
December	93,473	K. W. H.

TOTAL	921,294	K. W. H.
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Repairs, Improvements and Construction

The principal item of new construction has been the building of the new Service Building, work on which was started on April 28th. Rapid progress has been made in the construction of this building and the end of the fiscal year finds it about ready for installation of equipment. This building is as nearly fire-proof as it can be made—it is constructed of brick with plaster or tile walls and terrazo floors. There are 2 large wings and a connection—one wing is an auditorium to seat 1150 persons which is equipped with Western Electric sound picture equipment of the latest design and a Moller pipe organ. The latter has both manual and player attachment. The ground floor of the second wing contains waiting-rooms, a dining-room for all employees, a large main kitchen for preparing food for all the patients, a kitchen for preparation of food for employees, refrigeration room, vegetable preparation room, kitchen storage room, diet kitchen and a small dining-room for kitchen employees. Complete electric and baking equipment is provided while steam is used for the kettles and vegetable cookers. The refrigeration is all electric. The second floor of the connection houses the bakery which contains the most modern equipment, including an electric bake oven. The entire second floor of the second wing is given over to the Occupational Therapy Department—there are 2 large class-rooms, one for men and another for women—there is a large display room—a small library room, diet kitchen, sound-proof music room and an office for the Chief Occupational Therapist are also provided. The current for this

building is to be supplied on contract by the Luzerne County Gas and Electric Company.

During 1931, 1403 repair slips for maintenance were taken care of and approximately the same number of telephone calls. In addition to regular maintenance repair work the following new work was done:

Installation of new ranges in the main kitchen.

Completion of installation of heat register shields throughout the hospital.

28 new window screens for Ward 16.

Concrete steps, porches and doors to the 2 Hydro corridors.

Concrete floors in 5 rooms on Ward 16.

Installation of centralized radio equipment throughout the hospital.

Laying of new wood floor in Ward 2.

Installation of new developing trays in x-ray room.

Installation of new and larger electric service line to x-ray equipment.

Construction of concrete tunnel from main building to new Service Building.

Construction of water and sewer lines to Service Building. Steam lines were also connected up.

Construction of shower-room under Ward 15 for working patients. This is equipped with a Bradley 5-in-a-group shower and 50 steel lockers.

Construction of concrete truck run-way in basement.

New arch in boiler No. 2 at power plant.

Installation of additional Ford motor on ferry.

Construction of new concrete block and stucco ferry house.

Installing of new toilet partitions on Ward 3.

Painting and plastering work on various wards.

Installation of Kny-Scheerer high pressure steam sterilizing equipment in operating-room—this includes dressing sterilizer, instrument sterilizer, water sterilizer, utensil sterilizer and still.

The drilling of the new well to provide additional water supply is under way—this well is located in the flat below the hospital near the old well. The drilling of the well is being done by contract but the pump-house will be constructed with our own labor.

The centralized radio equipment was bought on competitive bidding but the installation was done with hospital labor.

The weather stripping of Wards 2, 14, 16 and the 2 Hydro corridors was completed—this contract was let on competitive bids.

40 oak benches were purchased and placed on the wards.

Steel shelving and steel tables were purchased and installed in the Steward's supply room.

Needs of the Hospital

The following are the immediate needs of the hospital—all are required but some are urgent while others can be postponed. Those requirements that are urgent will be submitted in the budget for 1932.

1. Additions to wards 13, 14, 15, 16 and the 2 Hydro buildings—these will provide porches and 2 wards to segregate and treat tuberculous patients.

2. Changes and additions recommended by the State Bureau of Labor and Industry—these consist chiefly of additional fire towers, a fire alarm system and an emergency lighting system.

3. Reconstruction of the old auditorium to house 50 additional men patients.

4. Reconstruction of the refectory to house employees and thus make room on the wards for more patients.

5. Two boiler arches for the power plant.

6. Pent-house on power-plant roof to house skip hoist motor and mechanism.

7. Storage building at power plant.

8. Morgue and equipment.

9. Operating room and equipment.

10. Physio-therapy equipment.

11. Fourteen iron lamp posts and fixtures with Parkway cable for road in rear of buildings.

12. Hard surfacing of roadway around buildings.

13. Barber shop and equipment.

14. Drinking fountains for all wards—20 required.

15. Fire-proofing of all wards.

16. Construction of tunnel between hospital and almshouse for food distribution purposes.

Changes in Personnel

The records show that 20 men attendants and 12 women attendants left the service, for various reasons, during the year and were replaced by employment of others. This is a very small turnover as compared with other years and is probably due in large measure to the general depression and lack of employment.

Father F. P. McHugh, Catholic Chaplain since July 1, 1926, resigned at the end of the year because of his transfer to another parish. Father McHugh has been faithful and tireless in his efforts to minister to the spiritual needs of our Catholic patients and employees—he leaves with the good will and respect of all and with the assurance that he has completed his long service here with credit to himself and honor to his Church. He was succeeded by Father Leo V. Gilroy of Glen Lyon.

There were no changes in the medical or official staff during the year.

Acknowledgments

Again, it is my pleasure to express to the members of the Board my sincere appreciation of their co-operation, support and wise counsel.

I am indebted to the officers and employees of the institution for their faithfulness and loyalty under conditions that are often trying. A fine esprit de corps exists in the organization and this bodes well for efficient work and accomplishment of the results being sought.

Again, I wish to express my appreciation to the State Bureau of Mental Health and the Department of Welfare for invaluable assistance rendered during the year—we have made use of the services of the consulting engineer, the consultant in administrative nutrition, the field representative in Occupational Therapy, the field representative in music and allied activities and the consulting psychologists.

I desire to thank, also, the members of the consulting staff in general medicine, surgery and the medical specialties who have always been ready to give us the benefit of their training and experience when we stood in need of it.

Respectfully submitted,

GEORGE T. BASKETT, M. D.,
Superintendent.

The statistical tables, as adopted by the American Psychiatric Association, follow:

STATISTICAL TABLES

TABLE 1—General Information

Data correct at end of hospital year, December 31, 1931.

1. Date of opening as a hospital for mental diseases; July 1, 1900.
2. Type of hospital—County-State licensed and State aided.
3. Hospital plant:
 - Value of hospital property—
 - Real estate, including buildings\$1,738,337.50
 - Personal property 143,800.00
 - Total\$1,882,137.50
 - Total acreage of hospital property owned: 130 acres plus 1100 acres of mountain land (includes grounds, farm and garden and sites occupied by buildings) 1230 acres
 - Additional acreage rented 30 acres
 - Total acreage under cultivation during previous year (includes land owned and rented.) 100 acres
4. Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	Males	Females	Total	Males	Females	Total
Superintendents	1	0	1	.....	.....	.....
Assistant physicians	1	2	3	.....	.....	.....
Medical internes	0	0	0	.....	.....	.....
Clinical assistants	0	0	0	.....	.....	.....
Total physicians	2	2	4	.....	.....	.....
Stewards	1	0	1	.....	.....	.....
Resident dentists	1	0	1	.....	.....	.....
Pharmacists	0	0	0 (1)	.....	.....	.....
Graduate nurses	2	5	7	.....	.....	.....
Other nurses and attendants	40	31	71	.....	.....	.....
Occupational therapists	0	2	2 (2)	.....	.....	.....
Social workers	0	1	1	.....	.....	.....
All other officers and employees	28	25	53	.....	.....	.....
Total officers and employees	74	66	140	.....	.....	.....

(1) Work done by Assistant Physician. (2) In addition there are 5 O. T. Aides.

(Continued on next page)

TABLE 1 (Continued)—General Information

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	Males	Females	Total	Males	Females	Total
White						
Insane	393	354	747	38	16	54
Epileptics	0	8	8	.....	.....	.....
Mental defectives	33	43	76	1	1	2
Alcoholics	0	0	0	1	0	1
Drug addicts	0	0	0	0	1	1
Neurosyphilitics (without psy- chosis)	0	0	0	0	0	0
All other cases	0	4	4	0	0	0
Total	426	409	835	40	18	58
Other Races						
Insane	0	0	0	.....	.....	.....
Epileptics	0	0	0	.....	.....	.....
Mental defectives	1	0	1	.....	.....	.....
Alcoholics	0	0	0	.....	.....	.....
Drug addicts	0	0	0	.....	.....	.....
Neurosyphilitics (without psy- chosis)	0	0	0	.....	.....	.....
All other cases	0	0	0	.....	.....	.....
Total	1	0	1	.....	.....	.....
GRAND TOTAL	427	409	836	40	18	58

	Males	Females	Total
6. Patients under treatment in occupational- therapy classes, including physical train- ing, on date of report	61	95	156
7. Other patients employed in general work of hospital on date of report	283	193	476
8. Average daily number of all patients actually in hospital during year	426	402.6	*828.6
9. Voluntary patients admitted during year.....	10	7	17
10. Persons given advice or treatment in out- patient clinics during year	55	37	92

*In addition, there was a daily average of 25.2 male patients on temporary transfer at the Ransom Mental Hospital.

TABLE 2—Financial Statement for the Fiscal Year Ended
December 31, 1931

RECEIPTS

Balance on hand from preious fiscal year	\$.....
Received from appropriations	417,302.57
Received from paying patients	38 322 47
Received from all other sources	10,842.32
Total receipts	<u>\$466,467 36</u>

DISBURSEMENTS

1. Expenditures for maintenance of patients:	
Salaries and wages	\$127,521.89
Provisions (food)	55,882.21
Fuel, light and water	27,025 88
All other expenditures for maintenance.....	41,795.55
Total expenditures for maintenance	<u>\$252,225.53</u>
2. Expenditures for all purposes other than maintenance, including new buildings, other additions and permanent betterments	214,241.83
3. Expenditures for repayment of loans and interest on loans .....	.....
Total expenditures	<u>\$466,467.36</u>
Amount returned to state treasurer or other officials .....	.....
Balance on hand at close of year .....	.....
Total disbursements, including balance on hand	<u>\$466 467 36</u>

TABLE 3—Movement of Insane Patient Population
For year beginning January 1, 1931 and ended December 31, 1931

	Males	Females	Total	Males	Females	Total
1. Insane patients on books of hospital at beginning of hospital year:						
a—In hospital	410	388	798			
b—On parole or otherwise absent	39	35	74			
Total				449	423	872
2. Admissions during year:						
a—First admissions	97	58	155			
b—Readmissions	31	21	52			
c—Transfers from other hospitals for mental diseases	0	0	0			
3. Total received during year				128	79	207
4. Total on books during year				577	502	1079
5. Discharged from books during year:						
a—As recovered	26	11	37			
b—As improved	26	25	51			
c—As unimproved	8	11	19			
d—As without psychosis	6	6	12			
e—Transferred to other hospitals for mental diseases	8	0	8			
f—Died during year	36	22	58			
6. Total discharged, transferred and died during year				110	75	185
7. Insane patients remaining on books of hospital at end of hospital year:						
a—In hospital	427	409	836			
b—On parole or otherwise absent	40	18	58			
Total				467	427	894

TABLE 4—Nativity of First Admissions and of Parents of First Admissions for the Year Ended December 31, 1931

NATIVITY	Patients			Parents of Male Patients			Parents of Fem. Patients		
	Males	Females	Total	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States.....	55	44	99	25	25	22	11	16	10
Africa.....									
Asia.....									
Australia.....									
Austria.....	11	2	13	17	16	16	4	4	4
Belgium.....									
Canada†.....	1	0	1	1	1	1			
Central America.....									
China.....									
Czechoslovakia.....	0	1	1				3	2	2
Cuba.....									
Denmark.....									
England.....	5	1	6	7	9	5	4	4	3
Europe*.....									
Finland.....									
France.....									
Germany.....	1	0	1	3	2	1	4	2	2
Greece.....									
Holland.....									
Hungary.....							1	1	1
India.....									
Ireland.....	0	2	2	10	7	7	5	6	5
Italy.....	6	1	7	6	6	6	1	1	1
Japan.....									
Jugoslavia.....									
Mexico.....									
Norway.....									
Philippine Islands.....									
Poland.....	1	6	7	3	3	3	14	14	13
Porto Rico.....									
Portugal.....									
Roumania.....									
Russia.....	14	1	15	17	17	16	2	1	1
Scotland.....				1					
South America.....									
Spain.....									
Sweden.....									
Switzerland.....									
Turkey in Asia.....									
Turkey in Europe.....									
Wales.....	3	0	3	4	6	4	3	1	1
West Indies‡.....									
Other Countries.....							2	2	2
Unascertained.....				3	5	3	4	4	4
Total.....	97	58	155	97	97	84	58	58	49

*Not otherwise specified. †Includes Newfoundland. ‡Except Cuba and Porto Rico.

TABLE 4a—Age of First Admissions Classified with Reference to Nativity, and Length of Residence
in the United States of the Foreign Born,
For the Year Ended December 31, 1931.

AGE GROUPS	NATIVE BORN																	
	Aggregate						Parentage											
	Total						Native				Foreign				Mixed			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years.....	0	1	1	0	1	1	1	0	1	1	4	3	7	0	2	2	1	2
15 — 19 years.....	5	6	11	5	6	11	1	1	2	2	2	4	6	1	2	3	1	2
20 — 24 years.....	5	7	12	5	7	12	2	1	3	3	2	4	6	1	2	3	1	2
25 — 29 years.....	12	6	18	9	6	15	6	0	6	6	2	3	5	0	2	2	1	2
30 — 34 years.....	9	6	15	6	5	11	2	1	3	3	3	3	6	1	1	2	1	2
35 — 39 years.....	17	2	19	7	2	9	4	2	6	3	3	0	3	1	1	2	1	2
40 — 44 years.....	14	3	17	10	1	11	3	0	3	5	1	6	2	0	2	2	1	2
45 — 49 years.....	10	6	16	4	3	7	2	1	3	1	2	1	2	1	1	2	0	1
50 — 54 years.....	2	3	5	2	3	5	0	1	1	1	2	1	3	1	0	1	1	1
55 — 59 years.....	7	4	11	2	2	4	2	0	2	0	0	2	2	1	0	1	1	1
60 — 64 years.....	6	5	11	4	2	6	2	0	2	1	1	2	1	1	1	2	1	2
65 — 69 years.....	5	6	11	2	3	5	1	1	2	1	1	2	1	0	1	1	1	1
70 years and over.....	4	3	7	0	3	3	0	3	3	0	0	0	0	0	0	0	0	0
Unascertained.....	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1
Total.....	97	58	155	56	44	100	22	11	33	24	20	44	7	10	17	3	3	6

(Continued on next page.)

TABLE 4a (Continued)—Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born, For the Year Ended December 31, 1931.

AGE GROUPS	FOREIGN BORN															
	Time in United States Before Admission								Unascertained Nativity							
	Total				Under 5 years				5 — 9 years				10 — 14 years			
	M.	F.	T.		M.	F.	T.		M.	F.	T.		M.	F.	T.	
Under 15 years.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 — 19 years.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20 — 24 years.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25 — 29 years.....	3	0	3	1	0	1	1	0	1	1	1	2	2	0	2	1
30 — 34 years.....	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...
35 — 39 years.....	10	0	10	1	0	1	...	...	...	...	...	...	...	...	...	...
40 — 44 years.....	4	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...
45 — 49 years.....	6	3	9	...	...	...	...	...	...	...	...	...	...	...	...	...
50 — 54 years.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
55 — 59 years.....	5	2	7	...	...	...	...	...	...	...	...	...	...	...	...	...
60 — 64 years.....	2	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...
65 — 69 years.....	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...
70 years and over.....	4	0	4	...	...	...	...	...	...	...	...	...	...	...	...	...
Unascertained.....	1	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	41	14	55	2	0	2	1	0	1	3	1	4	31	9	40	8

TABLE 5—Citizenship of First Admissions
For the Year Ended December 31, 1931

	Males	Females	Total
Citizens by birth	55	44	99
Citizens by naturalization	26	9	35
Aliens	15	4	19
Citizenship unascertained	1	1	2
	—	—	—
Total	97	58	155

TABLE 6—Psychoses of First Admissions.
For the Year Ended December 31, 1931

PSYCHOSES			Males	Females	Total	Males	Females	Total
1.	Traumatic psychoses					1	0	1
2.	Senile psychoses					11	11	22
3.	Psychoses with cerebral arteriosclerosis					1	0	1
4.	General paralysis					6	1	7
5.	Psychoses with cerebral syphilis							
6.	Psychoses with Huntington's chorea							
7.	Psychoses with brain tumor							
8.	Psychoses with other brain or nervous diseases, total					1	1	2
	(a) Cerebral embolism	0	0	0				
	(b) Paralysis agitans	1	0	1				
	(c) Meningitis, tubercular or other forms	0	0	0				
	(d) Multiple sclerosis	0	0	0				
	(e) Tabes dorsalis	0	0	0				
	(f) Acute chorea	0	0	0				
	(g) Other diseases	0	1	1				
9.	Alcoholic psychoses, total					18	3	21
	(a) Delirium tremens	12	3	15				
	(b) Korsakow's psychosis	0	0	0				
	(c) Acute hallucinosis	2	0	2				
	(d) Other types, acute or chronic	4	0	4				
10.	Psychoses due to drugs and other exogenous toxins, total					0	0	0
	(a) Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined							
	(b) Metals, as lead, arsenic, etc.							
	(c) Gases							
	(d) Other exogenous toxins							
11.	Psychoses with pellagra					0	0	0
12.	Psychoses with other somatic diseases, total					0	2	2
	(a) Delirium with infectious diseases	0	0	0				
	(b) Post-infectious psychosis	0	0	0				
	(c) Exhaustion delirium	0	0	0				
	(d) Delirium of unknown origin	0	0	0				
	(e) Cardio-renal diseases	0	1	1				
	(f) Diseases of the ductless glands	0	0	0				
	(g) Other diseases or conditions	0	1	1				

(Continued on next page)

TABLE 6 (Continued)—Psychoses of First Admissions
For the Year Ended December 31, 1931

PSYCHOSES		Males	Females	Total	Males	Females	Total
13.	Manic depressive psychoses, total				16	11	27
	(a) Manic type	8	4	12			
	(b) Depressive type	5	6	11			
	(c) Other types	3	1	4			
14.	Involution melancholia				2	1	3
15.	Dementia præcox (schizophrenia)				16	15	31
16.	Paranoia and paranoid conditions				1	0	1
17.	Epileptic psychoses				2	2	4
18.	Psychoneuroses and neuroses, total				2	0	2
	(a) Hysterical type	0	0	0			
	(b) Psychasthenic type (anxiety and obsessive forms)	0	0	0			
	(c) Neurasthenic type	2	0	2			
	(d) Other types	0	0	0			
19.	Psychoses with psychopathic personality				0	1	1
20.	Psychoses with mental deficiency				2	0	2
21.	Undiagnosed psychoses				11	4	15
22.	Without psychosis, total				7	6	13
	(a) Epilepsy without psychosis	0	0	0			
	(b) Alcoholism without psychosis	3	1	4			
	(c) Drug addiction without psychosis	0	1	1			
	(d) Psychopathic personality without psychosis	0	0	0			
	(e) Mental deficiency without psychosis	3	4	7			
	(f) Others	1	0	1			
Total					97	58	155

TABLE 7—Race of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

RACE	Total			Traumatic			Senile			With cerebral arteriosclerosis			General paralysis			With cerebral syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....																		
American Indian.....																		
Armenian.....																		
Bulgarian.....																		
Chinese.....																		
Cuban.....																		
Dutch and Flemish.....																		
East Indian.....																		
English.....	5	3	8				4	2	6									
Finnish.....																		
French.....	2	5	7				1	1	2									
German.....																		
Greek.....																		
Hebrew.....	3	0	3				1	2	3									
Irish.....	10	5	15				1	2	3				1	0	1			
Italian.....	6	1	7															
Japanese.....																		
Lithuanian.....	5	0	5				1	0	1									

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	Total			Traumatic			Senile			With cerebral arteriosclerosis			General paralysis			With cerebral syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Magyar.....	0	1	1															
Mexican.....																		
Pacific Islander.....																		
Portuguese.....																		
Roumanian.....																		
Scandinavian.....																		
Scotch.....																		
Slavonic.....	30	26	56	1	0	1	0	2	2				2	0	2			
Spanish.....																		
Spanish-American.....																		
Syrian.....																		
Turkish.....																		
Welsh.....	7	1	8				1	0	1									
West Indian.....																		
Other specific races.....																		
Mixed.....	25	14	39				1	4	5	1	0	1	3	0	3			
Race unascertained.....	4	2	6				2	0	2				0	1	1			
Total.....	97	58	155	1	0	1	11	11	22	1	0	1	6	1	7			

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	With Huntington's chorea			With brain tumor			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous			With pellagra		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....																		
American Indian.....																		
Armenian.....																		
Bulgarian.....																		
Chinese.....																		
Cuban.....																		
Dutch and Flemish.....																		
East Indian.....																		
English.....																		
Finnish.....																		
French.....																		
German.....																		
Greek.....																		
Hebrew.....																		
Irish.....																		
Italian.....																		
Japanese.....																		
Lithuanian.....																		

(Continued on next page)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	With Huntington's chorea			With brain tumor			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous			With pellagra		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Magyar.....																		
Mexican.....																		
Pacific Islander.....																		
Portuguese.....																		
Romanian.....																		
Scandinavian.....																		
Scotch.....																		
Slavonic.....							1	1	2		9	3	12					
Spanish.....																		
Spanish-American.....																		
Syrian.....																		
Turkish.....																		
Welsh.....																		
West Indian.....																		
Other specific races.....																		
Mixed.....											3	0	3					
Race unascertained.....																		
Total.....							1	1	2	18	3	21						

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	With other somatic diseases			Manic- depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....																		
American Indian.....																		
Armenian.....																		
Bulgarian.....																		
Chinese.....																		
Cuban.....																		
Dutch and Flemish.....																		
East Indian.....																		
English.....				0	1	1	1	0	1									
Finnish.....																		
French.....				0	1	1				0	1	1						
German.....																		
Greek.....																		
Hebrew.....				1	0	1				1	0	1						
Irish.....				2	0	2	1	1	2	1	1	2						
Italian.....				1	1	2				1	0	1	1	0	1			
Japanese.....																		
Lithuanian.....				1	0	1				1	0	1						

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	With other somatic diseases			Manic- depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Magyar.....																		
Mexican.....																		
Pacific Islander.....																		
Portuguese.....																		
Roumanian.....																		
Scandinavian.....																		
Scotch.....																		
Slavonic.....	0	1	1	4	5	9	.....	.....	.....	4	7	11	.....	.....	.....	2	1	3
Spanish.....																		
Spanish-American.....																		
Syrian.....																		
Turkish.....																		
Welsh.....				2	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Indian.....																		
Other specific races.....																		
Mixed.....				4	2	6	.....	.....	.....	7	6	13	.....	.....	.....	0	1	1
Race unascertained.....	0	1	1	1	0	1	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....
Total.....	0	2	2	16	11	27	2	1	3	16	15	31	1	0	1	2	2	4

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....															
American Indian.....															
Armenian.....															
Bulgarian.....															
Chinese.....															
Cuban.....															
Dutch and Flemish.....															
East Indian.....															
English.....															
Finnish.....															
French.....				0	1	1							1	1	2
German.....															
Greek.....													1	0	1
Hebrew.....										1	1	2			
Irish.....										1	0	1	1	0	1
Italian.....															
Japanese.....															
Lithuanian.....															

(Continued on next page.)

TABLE 7 (Continued)—Race of First Admissions Classified with Reference to Principal Psychoses.
For the Year Ended December 31, 1931.

RACE	Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Magyar.....										0	1	1			
Mexican.....															
Pacific Islander.....															
Portuguese.....															
Roumanian.....															
Scandinavian.....															
Scotch.....															
Slavonic.....	1	0	1							3	2	5	3	4	7
Spanish.....															
Spanish-American.....															
Syrian.....															
Turkish.....															
Welsh.....	1	0	1				1	0	1		2	0			
West Indian.....															
Other specific races.....															
Mixed.....							1	0	1		4	0	1	1	2
Race unascertained.....															
Total.....	2	0	2	0	1	1	2	0	2	11	4	15	7	6	13

TABLE 8—Age of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	TOTAL			Under 15 years			15 — 19 years			20 — 24 years			25 — 29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	0	1												
2. Senile	11	11	22												
3. With Cerebral arteriosclerosis	1	0	1												
4. General paralysis	6	1	7				0	1	1				1	0	1
5. With cerebral syphilis															
6. With Huntington's chorea															
7. With brain tumor															
8. With other brain or nervous diseases	1	1	2	0	1	1									
9. Alcoholic	18	3	21												
10. Due to drugs and other exogenous toxins															
11. With pellagra															
12. With other somatic diseases	0	2	2										0	1	1
13. Manic-depressive	16	11	27				2	1	3	1	0	1	2	0	2
14. Involution melancholia	2	1	3												
15. Dementia præcox	16	15	31				1	3	4	1	4	5	5	3	8
16. Paranoia and paranoid conditions	1	0	1										1	0	1
17. Epileptic psychoses	2	2	4				1	0	1	1	0	1	0	2	2
18. Psychoneuroses and neuroses	2	0	2										1	0	1
19. With psychopathic personality	0	1	1												
20. With mental deficiency	2	0	2										1	0	1
21. Undiagnosed psychoses	11	4	15							1	1	2	1	2	3
22. Without psychosis	7	6	13				1	1	2	1	2	3			
Total	97	58	155	0	1	1	5	6	11	5	7	12	12	6	8

(Continued on next page.)

TABLE 8—(Continued)—Age of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	30 — 34 years						35 — 39 years						40 — 44 years						45 — 49 years						50 — 54 years					
	M.		F.		T.		M.		F.		T.		M.		F.		T.		M.		F.		T.		M.		F.		T.	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....																1	0	1												
2. Senile.....																														
3. With cerebral arteriosclerosis.....																														
4. General paralysis.....	1	0	1	2	0	2																			1	0	1			
5. With cerebral syphilis.....																														
6. With Huntington's chorea.....																														
7. With brain tumor.....																														
8. With other brain or nervous diseases.....													1	0	1															
9. Alcoholic.....							6	0	6				5	1	6										3	2	0	3		
10. Due to drugs and other exogenous toxins.....																														
11. With Pellagra.....																														
12. With other somatic diseases.....																														
13. Manic-depressive.....	2	2	4	2	0	2							2	1	3				3		2		5		0	1	1			
14. Involution melancholia.....													0	1	1				1		0		1		1	0	1			
15. Dementia Præcox.....	3	2	5	3	1	4							1	0	1				1		1		2		1	1	2			
16. Paranoïa and paranoid conditions.....																														
17. Epileptic psychoses.....																														
18. Psychoneuroses and neuroses.....																														
19. With psychopathic personality.....	0	1	1				1	0	1																					
20. With mental deficiency.....																														
21. Undiagnosed psychoses.....	2	0	2	2	0	2							4	0	4				1		0		1							
22. Without psychosis.....	1	1	2	1	1	2							1	0	1				0		1		1		1	0	1			
Total.....	9	6	15	17	2	19							14	3	17				10		6		16		7	3	10			

(Continued on next page.)

TABLE 8—(Continued)—Age of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	55 — 59 years			60 — 64 years			65 — 69 years			70 years and over			Un- ascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....															
2. Senile.....	1	0	1	4	3	7	2	5	7	4	3	7	.....	.....	.....
3. With cerebral arteriosclerosis.....				1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. General paralysis.....							1	0	1	.....	.....	.....	.....	.....	.....
5. With cerebral syphilis.....															
6. With Huntington's chorea.....															
7. With brain tumor.....															
8. With other brain or nervous diseases.....															
9. Alcoholic.....				1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Due to drugs and other exogenous toxins.....															
11. With Pelliagra.....															
12. With other somatic diseases.....															
13. Manic-depressive.....	1	2	3	0	2	2	.....	.....	.....	.....	.....	.....	1	0	1
14. Involution melancholia.....															
15. Dementia Præcox.....															
16. Paranoia and paranoid conditions.....															
17. Epileptic psychoses.....															
18. Psychoneuroses and neuroses.....															
19. With psychopathic personality.....															
20. With mental deficiency.....															
21. Undiagnosed psychoses.....	1	2	3	.....	.....	.....	0	1	1	.....	.....	.....	.....	.....	.....
22. Without psychosis.....				1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	3	4	7	7	5	12	3	6	9	4	3	7	1	0	1

TABLE 9—Degree of Education of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	Total			Illiterate			Reads and writes			Common school			High school			College			Un-ascertained		
	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.
	M F T.			M F T.			M F T.			M F T.			M F T.			M F T.			M F T.		
1. Traumatic	1	0	1	—	—	—	—	—	—	1	0	1	—	—	—	—	—	—	—	—	—
2. Senile	11	11	22	3	2	5	2	4	6	4	1	5	0	2	2	1	0	1	1	2	3
3. With Cerebral arteriosclerosis	1	0	1	—	—	—	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	6	1	7	0	1	1	—	—	—	3	0	3	2	0	2	—	—	—	1	0	1
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	—	—	—	0	1	1	1	0	1	—	—	—	—	—	—	—	—	—
9. Alcoholic	18	3	21	2	2	4	8	0	8	6	1	7	—	—	—	1	0	1	1	0	1
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	0	2	2	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—	0	1	1
13. Manic-depressive	16	11	27	1	3	4	3	2	5	6	5	11	3	0	3	1	0	1	2	1	3
14. Involution melancholia	2	1	3	—	—	—	0	1	1	2	0	2	—	—	—	—	—	—	—	—	—
15. Dementia præcox	16	15	31	—	—	—	5	4	9	4	8	12	5	1	6	0	2	2	2	0	2
16. Paranoia and paranoid conditions	1	0	1	—	—	—	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	2	2	4	—	—	—	0	2	2	2	0	2	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	2	0	2	1	0	1	1	0	1	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	0	1	1	—	—	—	—	—	—	0	1	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	2	0	2	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	11	4	15	2	1	3	1	1	2	4	2	6	2	0	2	—	—	—	2	0	2
22. Without psychosis	7	6	13	3	1	4	0	1	1	3	4	7	—	—	—	—	—	—	1	0	1
Total	97	58	155	14	10	24	22	16	38	36	23	59	12	3	15	3	2	5	10	4	14

TABLE 10—Environment of First Admissions Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	Total			Urban			Rural			Un- ascertained		
	M. F. T.			M. F. T.			M. F. T.			M. F. T.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	0	1	1	0	1						
2. Senile	11	11	22	11	11	22						
3. With Cerebral arteriosclerosis	1	0	1	1	0	1						
4. General paralysis	6	1	7	6	1	7						
5. With cerebral syphilis												
6. With Huntington's chorea												
7. With brain tumor												
8. With other brain or nervous diseases	1	1	2	1	1	2						
9. Alcoholic	18	3	21	18	3	21						
10. Due to drugs and other exogenous toxins												
11. With pellagra												
12. With other somatic diseases	0	2	2	0	2	2						
13. Manic-depressive	16	11	27	16	11	27						
14. Involution melancholia	2	1	3	2	1	3						
15. Dementia præcox	16	15	31	16	15	31						
16. Paranoia and paranoid conditions	1	0	1	1	0	1						
17. Epileptic psychoses	2	2	4	2	2	4						
18. Psychoneuroses and neuroses	2	0	2	2	0	2						
19. With psychopathic personality	0	1	1	0	1	1						
20. With mental deficiency	2	0	2	2	0	2						
21. Undiagnosed psychoses	11	4	15	11	4	15						
22. Without psychosis	7	6	13	7	6	13						
Total	97	58	155	97	58	155						

TABLE 14—Psychoses of Readmissions
For the Year Ended December 31, 1931

PSYCHOSES		Males	Females	Total
1.	Traumatic psychoses			
2.	Senile psychoses	0	1	1
3.	Psychoses with cerebral arteriosclerosis			
4.	General paralysis	1	0	1
5.	Psychoses with cerebral syphilis			
6.	Psychoses with Huntington's chorea			
7.	Psychoses with brain tumor			
8.	Psychoses with other brain or nervous diseases	1	0	1
9.	Alcoholic psychoses	5	0	5
10.	Psychoses due to drugs and other exogenous toxins			
11.	Psychoses with pellagra			
12.	Psychoses with other somatic diseases			
13.	Manic-depressive psychoses	9	12	21
14.	Involution melancholia			
15.	Dementia præcox	9	5	14
16.	Paranoia and paranoid conditions			
17.	Epileptic psychoses	1	0	1
18.	Psychoneuroses and neuroses	2	1	3
19.	Psychoses with psychopathic personality			
20.	Psychoses with mental deficiency	1	0	1
21.	Undiagnosed psychoses	2	0	2
22.	Without psychosis	0	2	2
Total		31	21	52

TABLE 15—Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.
For the Year Ended December 31, 1931.

PSYCHOSES	Total			Recovered			Improved			Unimproved			
	M. F. T.			M. F. T.			M. F. T.			M. F. T.			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	4	6	.....	.....	.....	1	1	2	.....	1	3	4
2. Senile	2	0	2	.....	.....	.....	1	0	1	.....	1	0	1
3. With Cerebral arteriosclerosis	3	2	5	.....	.....	.....	2	2	4	.....	1	0	1
4. General paralysis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. With cerebral syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. With Huntington's chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With brain tumor .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other brain or nervous diseases .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Alcoholic	24	4	28	24	4	28	.....	.....	.....	.....	.....	.....	.....
10. Due to drugs and other exogenous toxins .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. With pellagra .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other somatic diseases	0	2	2	.....	.....	.....	0	2	2	.....	.....	.....	.....
13. Manic-depressive	8	21	29	2	5	7	5	14	19	1	2	3	.....
14. Involution melancholia	0	1	1	.....	.....	.....	0	1	1	.....	.....	.....	.....
15. Dementia præcox	15	9	24	0	1	1	13	4	17	2	4	6	.....
16. Paranoia and paranoid conditions .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Epileptic psychoses	1	1	2	.....	.....	.....	.....	.....	.....	1	1	2	.....
18. Psychoneuroses and neuroses	2	1	3	.....	.....	.....	1	1	2	1	0	1	.....
19. With psychopathic personality	0	1	1	.....	.....	.....	.....	.....	.....	0	1	1	.....
20. With mental deficiency	3	0	3	.....	.....	.....	3	0	3	.....	.....	.....	.....
21. Undiagnosed psychoses	0	1	1	0	1	1	.....	.....	.....	.....	.....	.....	.....
22. Without psychosis	6	6	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	66	53	119	26	11	37	26	25	51	8	11	19	.....

TABLE 16—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Total		Senile		With cerebral arterio- sclerosis		General paralysis		Alcoholic		Manic- depressive		Involution melancholia		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Epidemic, Endemic and Infectious Diseases															
Typhoid and paratyphoid fever															
Measles															
Scarlet fever															
Diphtheria															
Influenza															
Dysentery															
Erysipelas															
Lethargic encephalitis															
Tuberculosis of the respiratory system	6	5	11				1	0	1	1	0	1		3	3
Tuberculosis of other organs	0	1	1												
Syphilis (non-nervous forms)															
Purulent infection, septicæmia															
Other infectious diseases															
2. General Diseases Not Included in Class 1															
Cancer and other malignant tumors	1	0	1												
Tumor (non-cancerous)															
Rheumatism															
Pellagra															

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Total			Senile			With cerebral arteriosclerosis			General paralysis			Alcoholic			Manic-depressive			Involution melancholia		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Diabetes																					
Alcoholism (acute or chronic)	1	0	1										1	0	1						
Other general diseases																					
3. Diseases of the Nervous System																					
Meningitis (non-epidemic)																					
Tabes dorsalis (locomotor ataxia)																					
Other diseases of spinal cord																					
Cerebral hemorrhage, apoplexy	1	0	1													1	0	1			
General paralysis of the insane																					
Other forms of mental disease																					
Epilepsy	1	1	2																		
Chorea																					
Other diseases of the nervous system																					
4. Diseases of the Circulatory System																					
Pericarditis																					
Endocarditis and myocarditis	1	7	8	0	3	3										0	1	1			
Angina pectoris																					
Other diseases of the heart																					
Arteriosclerosis	13	8	21	9	7	16	2	0	2				2	0	2						
Other diseases of the arteries																					
Other diseases of the circulatory system																					

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Total			Senile			With cerebral arteriosclerosis			General paresis			Alcoholic			Manic-depressive			Involution melancholia		
	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.	M	F	T.
5. Diseases of the Respiratory System																					
Bronchitis	2	0	2	1	0	1										1	0	1			
Bronchopneumonia	1	0	1																		
Lobar pneumonia																					
Pleurisy																					
Asthma																					
Other diseases of the respiratory system (tuberculosis excepted)																					
6. Diseases of the Digestive System																					
Diseases of the pharynx and tonsils																					
Ulcer of stomach and duodenum																					
Other diseases of stomach (cancer excepted)																					
Diarrhea and enteritis																					
Appendicitis and typhlitis																					
Hernia and intestinal obstruction																					
Other diseases of intestines																					
Cirrhosis of liver																					
Biliary calculi																					
Other diseases of liver	1	0	1																		
Other diseases of digestive system (cancer and tuberculosis excepted)																					

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Total			Senile			With cerebral arteriosclerosis			General paralysis			Alcoholic			Manic-depressive			Involution melancholia		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
7. Non-Veneral Diseases of Genito-Urinary System and Annexa																					
Nephritis	3	0	3										1	0	1	1	0	1			
Other diseases of kidneys and annexa																					
Diseases of bladder																					
Diseases of prostate																					
Benign tumors of uterus																					
Other diseases of genital organs																					
Other diseases of genito-urinary system																					
8. Diseases of the Skin and of the Cellular Tissue																					
Gangrene																					
Other diseases of skin and annexa																					
9. Diseases of the Bones and of the Organs of Locomotion (tuberculosis and rheumatism excepted)																					
10. Other Diseases not Included in Above Groups																					
11. External Causes	5	0	5													2	0	2			
Suicide																					
Homicide																					
Accidental poisoning																					
Accidental traumatism																					
Other external causes																					
Total	36	22	58	10	10	20	3	0	3	1	0	1	5	0	5	5	4	9			

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses			Psycho- neuroses and neuroses			With psy- chopathic personality			With mental deficiency			All other psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1. Epidemic, Endemic and Infectious Diseases																					
Typhoid and paratyphoid fever																					
Measles																					
Scarlet fever																					
Diphtheria																					
Influenza																					
Dysentery																					
Erysipelas																					
Lethargic encephalitis																					
Tuberculosis of the respiratory system	2	1	3																1	1	2
Tuberculosis of other organs	0	1	1																		
Syphilis (non-nervous forms)																					
Purulent infection, septicaemia																					
Other infectious diseases																					
2. General Diseases Not Included in Class 1																					
Cancer and other malignant tumors																			1	0	1
Tumor (non-cancerous)																					
Rheumatism																					
Pellagra																					

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Dementia præcox			Paranoia and paranoid			Epileptic psychoses			Psycho- neuroses and neuroses			With psy- chopathic personality			With mental deficiency			All other psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Diabetes																					
Alcoholism (acute or chronic)																					
Other general diseases																					
3. Diseases of the Nervous System																					
Meningitis (non-epidemic)																					
Tabes dorsalis (locomotor ataxia)																					
Other diseases of spinal cord																					
Cerebral hemorrhage, apoplexy																					
General paralysis of the insane																					
Other forms of mental disease																					
Epilepsy							1	1	2												
Chorea																					
Other diseases of the nervous system																					
4. Diseases of the Circulatory System																					
Pericarditis																					
Endocarditis and myocarditis	0	1	1																1	2	3
Angina pectoris																					
Other diseases of the heart																					
Arteriosclerosis																			0	1	1
Other diseases of the arteries																					
Other diseases of the circulatory system																					

(Continued on next page.)

TABLE 16 (Continued)—Causes of Death of Patients Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

CAUSES OF DEATH	Dementia paresis			Paranoia and paranoid conditions			Epileptic psychoses			Psycho- neuroses and neuroses			With psy- chopathic personality			With mental deficiency			All other psychoses		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
5. Diseases of the Respiratory System																					
Bronchitis																					
Bronchopneumonia																					
Lobar pneumonia	1	0	1																		
Pleurisy																					
Asthma																					
Other diseases of the respiratory sys- tem (tuberculosis excepted)																					
6. Diseases of the Digestive System																					
Diseases of the pharynx and tonsils																					
Ulcer of stomach and duodenum																					
Other diseases of stomach (cancer excepted)																					
Diarrhea and enteritis																					
Appendicitis and typhlitis																					
Hernia and intestinal obstruction																					
Other diseases of intestines																					
Cirrhosis of liver																					
Biliary calculi																					
Other diseases of liver	1	0	1																		
Other diseases of digestive system (can- cer and tuberculosis excepted)																					

(Continued on next page.)

TABLE 17—Age of Patients at Time of Death Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	TOTAL			Under 15 years			15 — 19 years			20 — 24 years			25 — 29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic															
2. Senile	10	10	20												
3. With Cerebral arteriosclerosis	3	0	3												
4. General paralysis	1	0	1												
5. With cerebral syphilis															
6. With Huntington's chorea															
7. With brain tumor															
8. With other brain or nervous diseases															
9. Alcoholic	5	0	5												
10. Due to drugs and other exogenous toxins															
11. With pellagra															
12. With other somatic diseases	2	2	4										0	1	1
13. Manic-depressive	5	4	9												
14. Involution melancholia															
15. Dementia præcox	5	3	8							0	1	1	1	1	2
16. Paranoia and paranoid conditions															
17. Epileptic psychoses	2	1	3				0	1	1				1	0	1
18. Psychoneuroses and neuroses															
19. With psychopathic personality															
20. With mental deficiency															
21. Undiagnosed psychoses	2	1	3												
22. Without psychosis	1	1	2										0	1	1
Total	36	22	58				0	1	1	0	1	1	2	3	5

(Continued on next page.)

TABLE 17 (Continued)—Age of Patients at Time of Death Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	30 — 34 years		35 — 39 years		40 — 44 years		45 — 49 years		50 — 54 years					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
1. Traumatic														
2. Senile														
3. With Cerebral arteriosclerosis														
4. General paralysis	1	0	1											
5. With cerebral syphilis														
6. With Huntington's chorea														
7. With brain tumor														
8. With other brain or nervous diseases														
9. Alcoholic						1	0	1			1	0	1	
10. Due to drugs and other exogenous toxins														
11. With pellagra														
12. With other somatic diseases						1	1	2				1	0	1
13. Manic-depressive	2	0	2						0	1	1			
14. Involution melancholia														
15. Dementia præcox	1	1	2						1	0	1		0	1
16. Paranoia and paranoid conditions														
17. Epileptic psychoses												1	0	1
18. Psychoneuroses and neuroses														
19. With psychopathic personality														
20. With mental deficiency														
21. Undiagnosed psychoses							1	0	1					
22. Without psychosis														
Total	4	1	5			3	1	4	1	1	2	4	0	4

(Continued on next page.)

TABLE 17 (Continued)—Age of Patients at Time of Death Classified with Reference to Principal Psychoses,
For the Year Ended December 31, 1931.

PSYCHOSES	55 — 59 years				60 — 64 years				65 — 69 years				70 years and over				Un- ascertained	
	M.		F.		M.		F.		M.		F.		M.		F.		M.	
	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.	T.	F.
1. Traumatic	1	1	2	3	0	3	2	3	5	4	6	10	.....	.....	.....	.....	.....	.....
2. Senile	1	0	1	.....	.....	.....	1	0	1	1	0	1	.....	.....	.....	.....	.....	.....
3. With Cerebral arteriosclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. General paralysis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. With cerebral syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. With Huntington's chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. With brain tumor .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. With other brain or nervous diseases .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Alcoholic	1	0	1	.....	.....	.....	2	0	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Due to drugs and other exogenous toxins .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. With pellagra .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. With other somatic diseases .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Manic-depressive	2	1	3	0	2	2	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....
14. Involution melancholia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. Dementia præcox .....	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Paranoia and paranoid conditions .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Epileptic psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18. Psychoneuroses and neuroses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19. With psychopathic personality .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20. With mental deficiency .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21. Undiagnosed psychoses .....	.....	.....	.....	1	0	1	.....	.....	.....	0	1	1	.....	.....	.....	.....	.....	.....
22. Without psychosis .....	.....	.....	.....	1	0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	5	2	7	6	2	8	5	4	9	6	6	12	.....	.....	.....	.....	.....	.....

TABLE 18—Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.
For the Year Ended December 31, 1931.

PSYCHOSES	TOTAL			Less than 1 month			1—3 months			4—7 months			8—12 months		
	M. F. T.			M. F. T.			M. F. T.			M. F. T.			M. F. T.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	10	10	20	0	2	2	6	0	6	1	3	4	1	1	2
2. Senile	3	0	3	...	...	...	...	...	...	1	0	1	...	...	...
3. With Cerebral arteriosclerosis	1	0	1	...	...	...	...	...	...	...	...	...	...	...	...
4. General paralysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. With cerebral syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. With Huntington's chorea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. With brain tumor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. With other brain or nervous diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Alcoholic	5	0	5	1	0	1	...	...	...	...	...	...	1	0	1
10. Due to drugs and other exogenous toxins	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. With pellagra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. With other somatic diseases	2	2	4	0	1	1	...	...	...	...	...	...	2	0	2
13. Manic-depressive	5	4	9	...	...	...	2	0	2	0	1	1	...	...	...
14. Involution melancholia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Dementia præcox	5	3	8	...	...	...	0	1	1	...	...	...	...	...	...
16. Paranoia and paranoid conditions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Epileptic psychoses	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...
18. Psychoneuroses and neuroses	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. With psychopathic personality	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. With mental deficiency	2	1	3	1	1	2	...	...	...	...	...	...	1	0	1
21. Undiagnosed psychoses	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...
22. Without psychosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	36	22	58	2	4	6	8	1	9	2	4	6	5	1	6

(Continued on next page.)

TABLE 18 (Continued)—Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.
For the Year Ended December 31, 1931.

PSYCHOSES	1—2 years			3—4 years			5—6 years			7—8 years			9—10 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	0	2	2	2	1	3							0	1	1
2. Senile															
3. With Cerebral arteriosclerosis	1	0	1				2	0	2						
4. General paralysis															
5. With cerebral syphilis															
6. With Huntington's chorea															
7. With brain tumor															
8. With other brain or nervous diseases															
9. Alcoholic							2	0	2						
10. Due to drugs and other exogenous toxins															
11. With pellagra															
12. With other somatic diseases				0	1	1									
13. Manic-depressive				1	0	1				1	0	1			
14. Involution melancholia															
15. Dementia praecox	0	2	2							2	0	2	2	0	2
16. Paranoia and paranoid conditions															
17. Epileptic psychoses							1	1	2						
18. Psychoneuroses and neuroses															
19. With psychopathic personality															
20. With mental deficiency															
21. Undiagnosed psychoses															
22. Without psychosis															
Total	1	4	5	3	2	5	5	1	6	3	0	3	2	1	3

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